MIAMI-DADE COUNTY

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI–DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 S.W. 26th Street, Room 208
Miami, Florida 33175–2474
T (786) 315–2590 F (786) 315–2599
http://www.miamidade.gov/economy/

NOTICE OF ACCEPTANCE (NOA)

Nan Ya Plastics Corporation USA
8989 North Loop East
Suite 800
Houston, TX 77029–1217

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami–Dade County RER–Product Control Section to be used in Miami–Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami–Dade County Product Control Section (In Miami–Dade County) and/or the AHJ (in areas other than Miami–Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami–Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series Fiberglass Outswing Glazed Doors w/ wo Sidelites – L.M.I.

APPROVAL DOCUMENT: Drawing No. **NAN0017**, titled "Impact Double O/S Glazed Doors w/ wo Sidelites", sheets 1 through 09 of 09, dated 10/06/08, with revision "**B**" dated 04/16/12, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E., bearing the Miami–Dade County Product Control Section revision stamp with the Notice of Acceptance number and expiration date by the Miami–Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, **Taipei, Taiwan, Republic of China**, series, and following statement: "Miami–Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami–Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA No. 08–1118.08** and consists of this page 1 and evidence pages E–1, E–2 and E–3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**

MIAMI-DADE COUNTY APPROVED

J. Gascon
9/24/12

NOA No. 12–0612.06
Expiration Date: April 29, 2014
Approval Date: October 04, 2012

Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
   (Submitted under previous NOA No. 08–1118.08)
2. Drawing No. **NAN0017**, titled "Impact Double O/S Glazed Doors w/ wo Sidelites", sheets 1 through 09 of 09, dated 10/06/08, with revision "**B**" dated 04/16/12, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.

B. TESTS

1. Test report on: 1) Air Infiltration Test, per FBC, TAS 202–94
   2) Uniform Static Air Pressure Test, Loading per PA 202–94
   3) Water Resistance Test, per FBC, TAS 202–94
   4) Large Missile Impact Test per FBC, TAS 201–94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
   6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202–94

   along with marked–up drawings and installation diagram of Fiberglass Outswing Door w/ wo Sidelites, prepared by Certified Testing Laboratories, Inc., Test Reports No.'s **CTLA 1780W**, dated 03/06/08 and **CTLA 1849W**, dated 02/25/09, all signed and sealed by Ramesh Patel, P. E.
   (Submitted under previous NOA No. 08–1118.08)

C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with FBC, prepared by PTC Engineering, Inc., dated 03/05/09, signed and sealed by Paul E. Winter, P. E.
   (Submitted under previous NOA No. 08–1118.08)
2. **Complies with ASTM E1300–02/ 04**

D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11–1102.09** issued to **Solutia, Inc.** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/14/12, expiring on 12/11/13.
2. Test Report No. **ETC–06–255–17412.1**, prepared by ETC Laboratories, dated 04/25/06, re–issued on 06/28/06 to Nan Ya Plastics Corporation USA, for their Phenolic Foam Board/ ETC06013 plastic per ASTME E84–05 "Standard Test Method for Surface Burning Characteristics of Building Materials", signed and sealed by Joseph Labora Doldan, P. E.
   (Submitted under previous NOA No. 08–1118.08)

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12–0612.06
Expiration Date: April 29, 2014
Approval Date: October 04, 2012

E. MATERIAL CERTIFICATIONS (CONTINUED)

3. Test Report No. **ETC–05–255–17900.0**, prepared by ETC Laboratories, dated 06/28/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N: ETC06013), Ignition Properties of Plastics per ASTM D1929–96, signed and sealed by Joseph L. Doldan, P. E. ***(Submitted under previous NOA No. 08–1118.08)***
4. Test report No. **ETC–05–255–16776.1**, prepared by ETC Laboratories, dated 07/06/06, issued by Nan Ya Plastics Corporation USA, for their SMC Fiberglass material (P/N: ETC05033), 4500 exposed Xenon Arch & tensile strength per ASTM D 638–03, Tensile strength, ASTM D 638–03, Smoke density per ASTM D2843–99, Rate of burning per ASTM D 635–98, Self ignition per ASTM D1929–01, signed and sealed by Joseph Labora Doldan, P. E. ***(Submitted under previous NOA No. 08–1118.08)***
5. Test report No. **ETC–05–255–17144.0**, prepared by ETC Laboratories, dated 07/03/08, issued by Nan Ya Plastics Corporation USA, for their Rigid PVC plastic (P/N: ETC06024), Standard Test Method for Ignition Properties of Plastics per ASTM D1929–96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D2843–99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position per ASTM D635–98, Standard Test Methods for Tensile Properties of Plastics for exposed & unexposed sample Xenon Arch after 4500 Hours, per ASTM D638–03, signed and sealed by Joseph Labora Doldan, P. E. ***(Submitted under previous NOA No. 08–1118.08)***
6. Test report No. **ETC–05–255–16776.0**, prepared by ETC Laboratories, dated 01/04/06, issued by Nan Ya Plastics Corporation USA, for their SMC (P/N: ETC05033) Standard Test Method for Ignition Properties of Plastics per ASTM D 1929–96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D 2843–99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self–Supporting Plastics in a Horizontal Position per ASTM D 635–98, Standard Test Methods for Tensile Properties of Plastics per ASTM D 638–03, signed and sealed by Joseph Labora Doldan, P. E. ***(Submitted under previous NOA No. 08–1118.08)***
7. Test report No. **ETC–05–255–16777.1**, prepared by ETC Laboratories, dated 07/26/06, issued by Nan Ya Plastics Corporation USA, for their Cellular PVC (P/N: ETC05034), Standard Test Method for Ignition Properties of Plastics per ASTM D1929–96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D2843–99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self–Supporting Plastics in a Horizontal Position per ASTM D635–98, Standard Test Methods for Tensile Properties of Plastics per ASTM D638–03, signed and sealed by Joseph Labora Doldan, P. E. ***(Submitted under previous NOA No. 08–1118.08)***

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12–0612.06
Expiration Date: April 29, 2014
Approval Date: October 04, 2012

E. MATERIAL CERTIFICATIONS (CONTINUED)

8. Test Report No. **ETC–06–255–17412.0**, prepared by ETC Laboratories, dated 04/25/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N ETC06013), Standard Test Method for Surface Burning Characteristics of Building Materials per ASTM E84–05, signed and sealed by Joseph Labora Doldan, P. E.
   (Submitted under previous NOA No. 08–1118.08)

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC–2010**, issued by PTC, LLC, dated 04/25/12, signed and sealed by Robert J. Amoruso, P. E.
2. Statement letter dated 09/04/2012, for standard equivalency of ASTM D635–98/ 03 conforming to FBC 2010 for above referenced test reports, issued by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.
3. Laboratory addendum letter for Test Report No. **CTLA 1780W–2**, dated 02/25/09, issued by Certified Testing Laboratories, Inc., all signed and sealed by Ramesh Patel, P. E.
   (Submitted under previous NOA No. 08–1118.08)
4. Laboratory compliance letter for Test Reports No.'s **CTLA 1780W**, dated 03/06/08 and **CTLA 1849W**, dated 07/01/08, issued by Certified Testing Laboratories, Inc., all signed and sealed by Ramesh Patel, P. E.
   (Submitted under previous NOA No. 08–1118.08)
5. Laboratory compliance letters for Test Reports No.'s **ETC–06–255–17412.1**, dated 02/15/08, **ETC–05–255–17144.0**, dated 07/03/08, **ETC–05–255–16776.1**, dated 07/06/06, **ETC–06–255–17412.0**, dated 04/25/06, **ETC–05–255–16776.0**, dated 01/04/06, **ETC–05–255–17900.0**, dated 06/28/06 and **ETC–05–255–16777.1**, dated 07/26/06, all issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P. E.
   (Submitted under previous NOA No. 08–1118.08)
6. Proposal No. **07–3867**, issued by Product Control, dated 11/27/06, signed by Ishaq Chanda, P. E.
   (Submitted under previous NOA No. 08–1118.08)

G. OTHERS

1. Notice of Acceptance No. **08–1118.08**, issued to Nan Ya Plastics Corporation USA for their Series "**Nan Ya Fiberglass Outswing Doors w/ wo Sidelites – L.M.I.**", approved on 04/29/09 and expiring on 04/29/14.

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12–0612.06
Expiration Date: April 29, 2014
Approval Date: October 04, 2012

NAN YA PLASTICS

IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS, AND AT THE DESIGN PRESSURES STATED HEREIN.

2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED △A UPON SIGNED AND SEALED TEST REPORTS # CTLA 1780W AND # CTLA 1780W-2 DATED 03/06/08 AND # CTLA 1849W DATED 07/01/08 AND ASSOCIATED LABORATORY STAMPED DRAWINGS.

3. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY △A OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION.

4. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY △A OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION.

5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED FOR USE WITH THIS DOCUMENT:

   A. OUTSIDE HVHZ: REQUIRE THAT A LICENSED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC △A DOCUMENTS FOR USE WITH THIS DOCUMENT TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION.
   B. INSIDE HVHZ: REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT, PRODUCT CONTROL SECTION.

6. DOOR FRAME (FOAM PVC) AND △A PANEL SKIN (SMC) MATERIAL: FIBERGLASS

7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.

8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
   X: OPERABLE PANEL
   O: FIXED PANEL

9. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.

2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, TWO (2) INSTALLATION ANCHORS ARE REQUIRED IN EACH HINGE. LOCATE HINGE ANCHORS IN THE OUTERMOST HOLES OF THE HINGE LEAF INTO THE HINGE JAMB. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.

3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.

4. FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCH. USE #12 WOOD SCREWS FOR MULLION CLIPS WITH 1-1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.

5. FOR INSTALLATION THROUGH 1X BUCK (BUCK TO BE PROPERLY SECURED) TO CONCRETE / MASONRY, USE 3/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO △A ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 2 5/8 INCHES. USE 5/16 INCH ITW TAPCONS FOR ANCHORS THROUGH MULLION CLIPS WITH 1-1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 4 INCHES.

6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).

7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

8. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.

9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

    △A A. WOOD - PT SOUTHERN YELLOW PINE, MINIMUM SPECIFIC GRAVITY OF 0.55.
    B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3192 PSI AND COMPLIES WITH ACI 301.
    C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90.

TABLE OF CONTENTS

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	LARGE MISSILE IMPACT
±70.0	±70.0	

PROJECT #411-1002

REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

DATE: 10/06/08 | DRAWN BY: SMC | SCALE: N.T.S. | DRAWING NO: NAN0017 | REV: B | SHEET: 1 OF 9

PREPARED BY:

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
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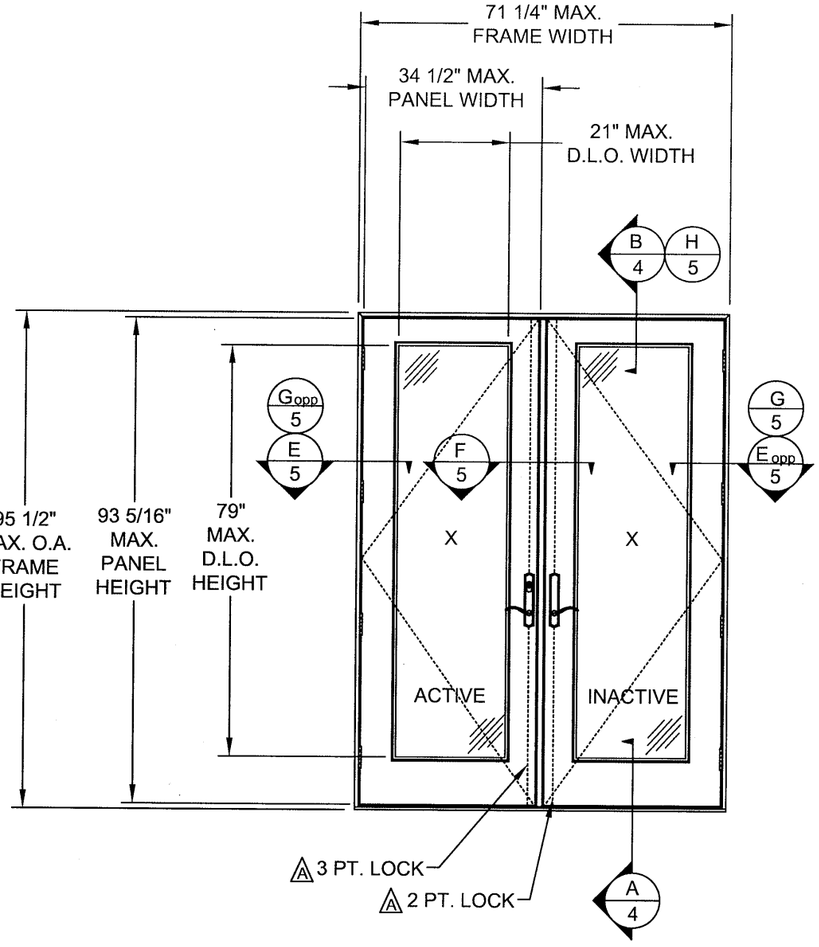
Robert J. Amoruso, P.E.
FL P.E. No. 49752

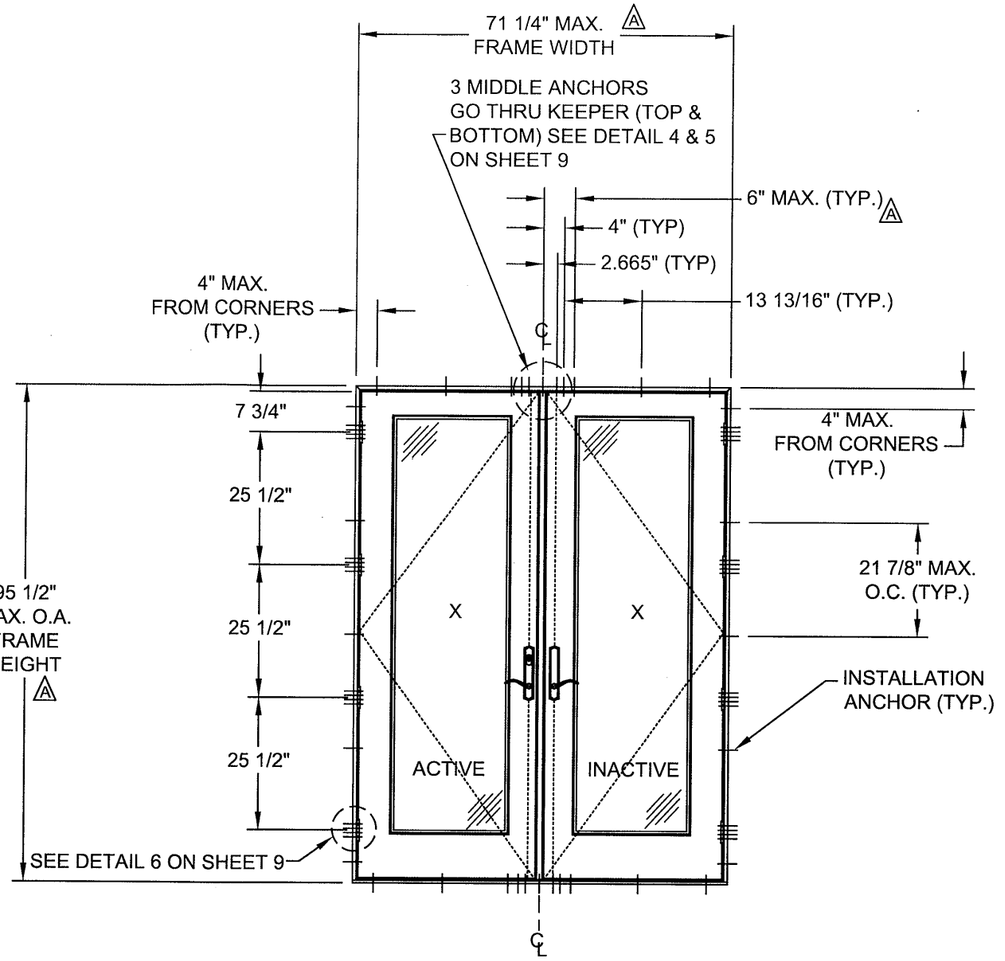
4/27/12

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0612.06
Expiration Date 04/29/2014
By
Miami Dade Product Control



ELEVATION

EXTERIOR VIEW (OUTSWING) A



ANCHOR LAYOUT

EXTERIOR VIEW (OUTSWING) A

REV	DESCRIPTION	DATE	BY
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC
B	UPDATE TO 2010 FBC	04/16/12	TJH

PROJECT #411-1002

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES
ELEVATION & ANCHOR LAYOUT

DRAWN BY: SMC | DATE: 10/06/08
SCALE: N.T.S. | DRAWING NO: NAN0017
REV: B | SHEET: 2 OF 9

PREPARED BY:
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Robert J. Amoruso, P.E.
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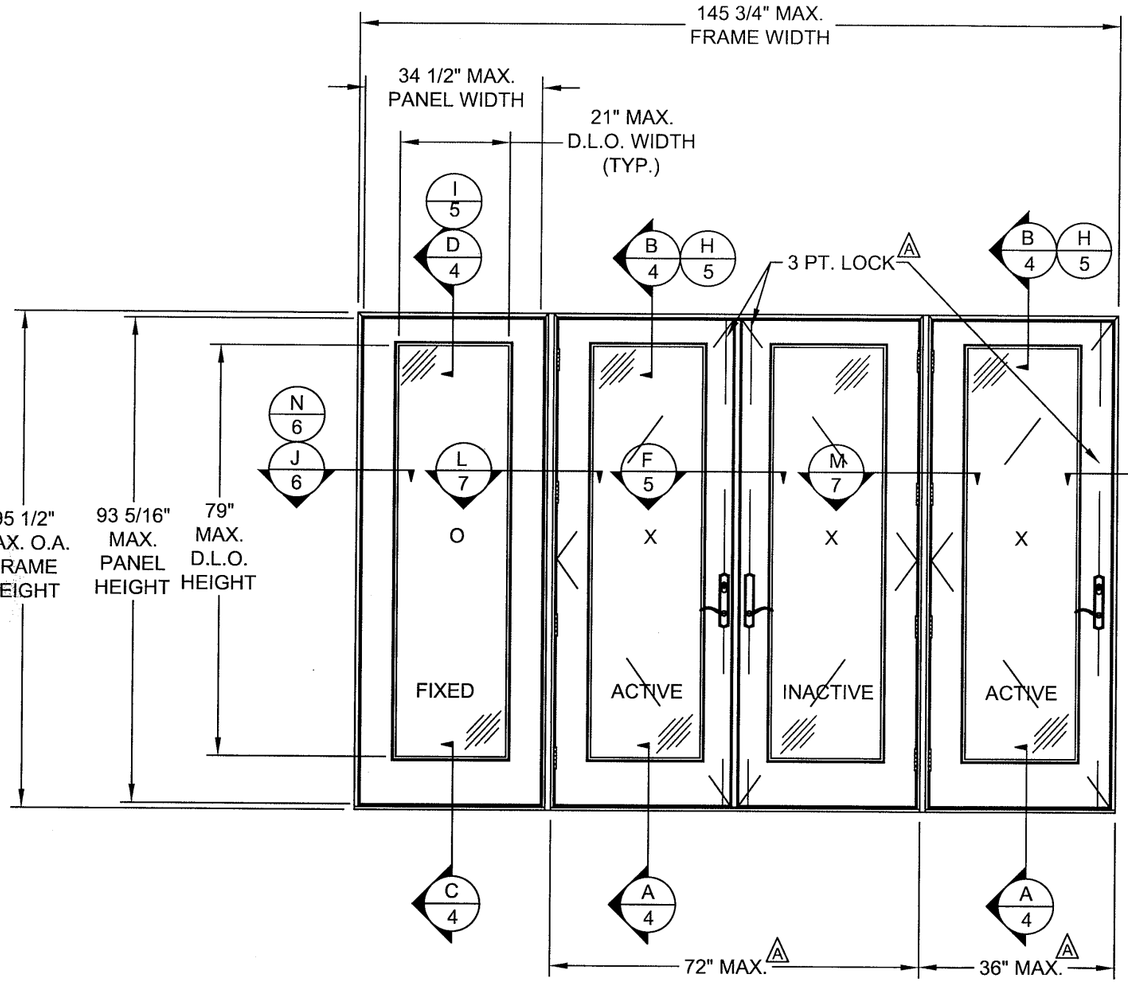
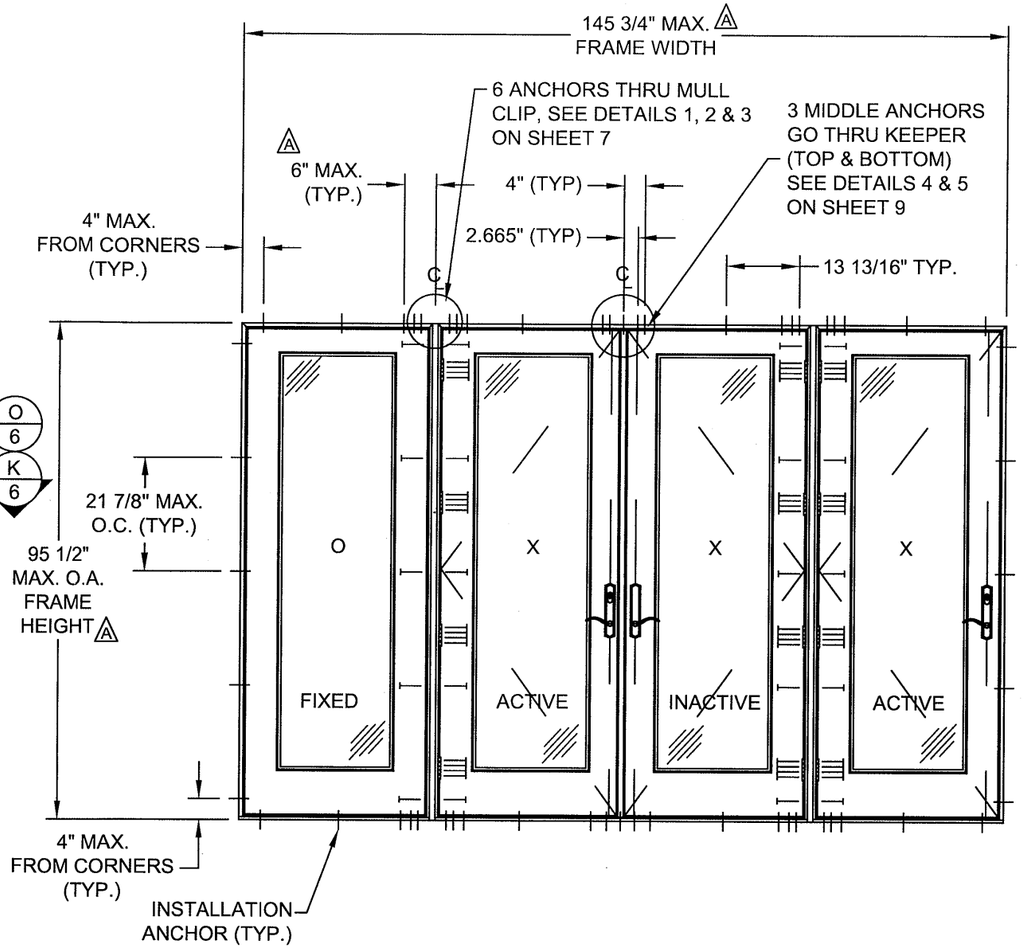
4/29/12

PRODUCT REVISED
as complying with the Florida
Building Code 12-06/2.96
Acceptance No. 4/29/2014
Expiration Date
By
Miami Dade Product Control



ELEVATION

EXTERIOR VIEW (OUTSWING) A



ANCHOR LAYOUT

EXTERIOR VIEW (OUTSWING) A

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PROJECT #411-1002

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES
ELEVATION & ANCHOR LAYOUT

DRAWN BY: SMC | DATE: 10/06/08
SCALE: N.T.S. | DRAWING NO: NAN0017
REV: B | SHEET: 3 OF 9

PREPARED BY:
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Robert J. Amoruso, P.E.
FL P.E. No. 49752

4/12/12

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as complying with the Florida
Building Code
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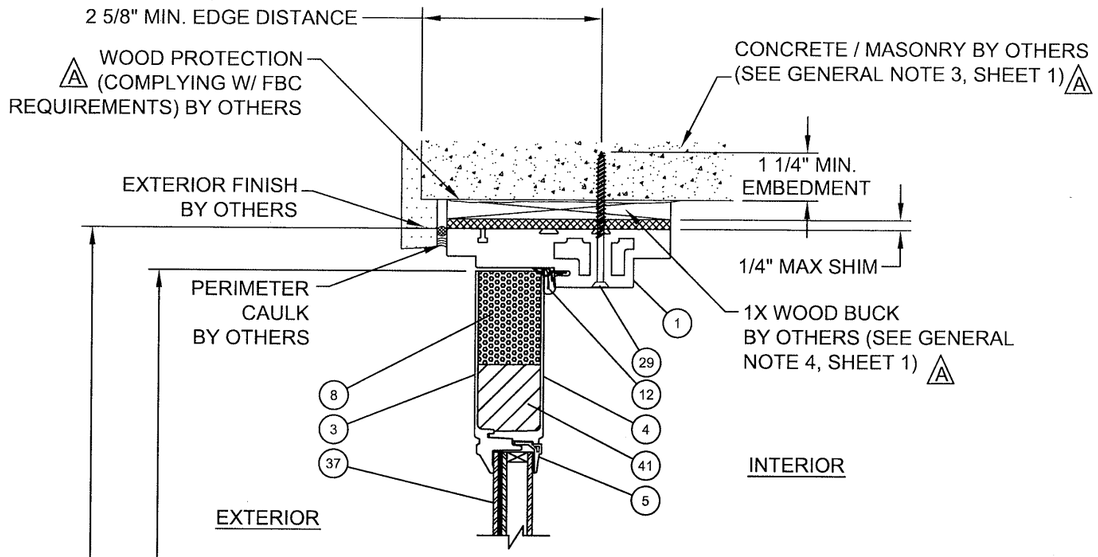
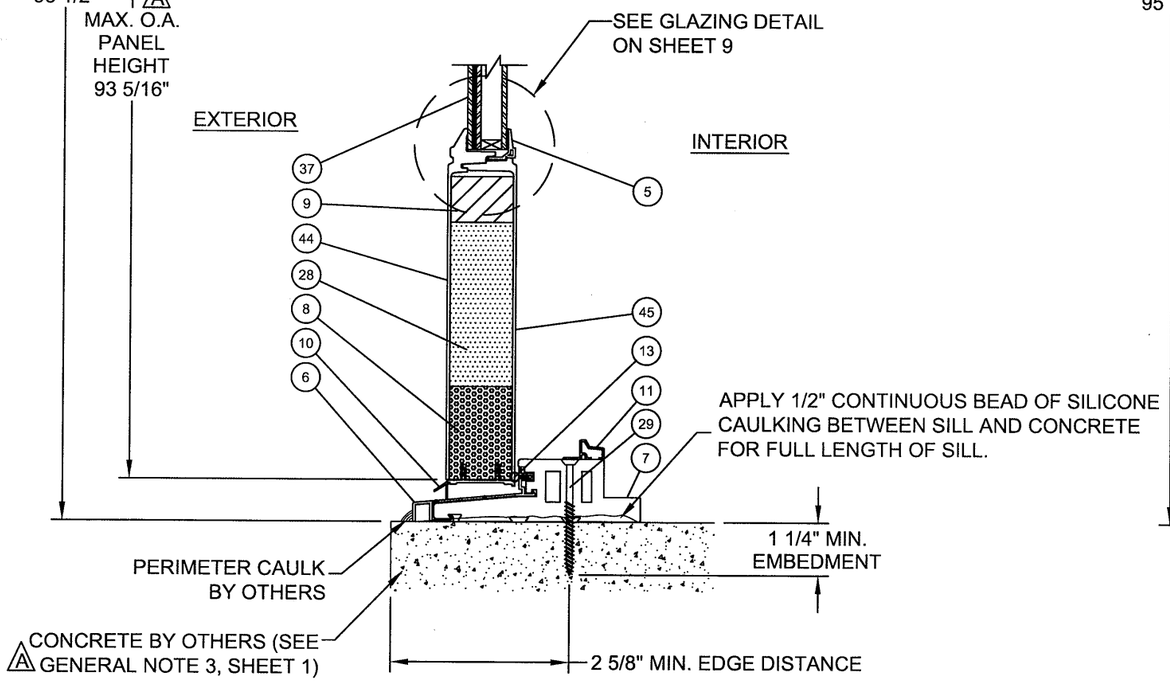
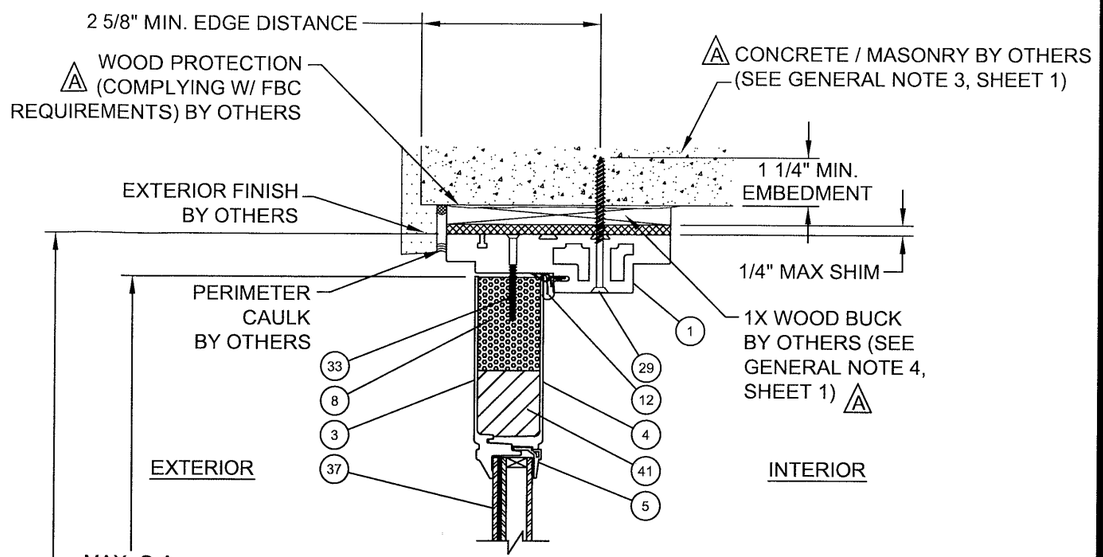
Expiration Date 04/29/2014
By
Miami Dade Product Control



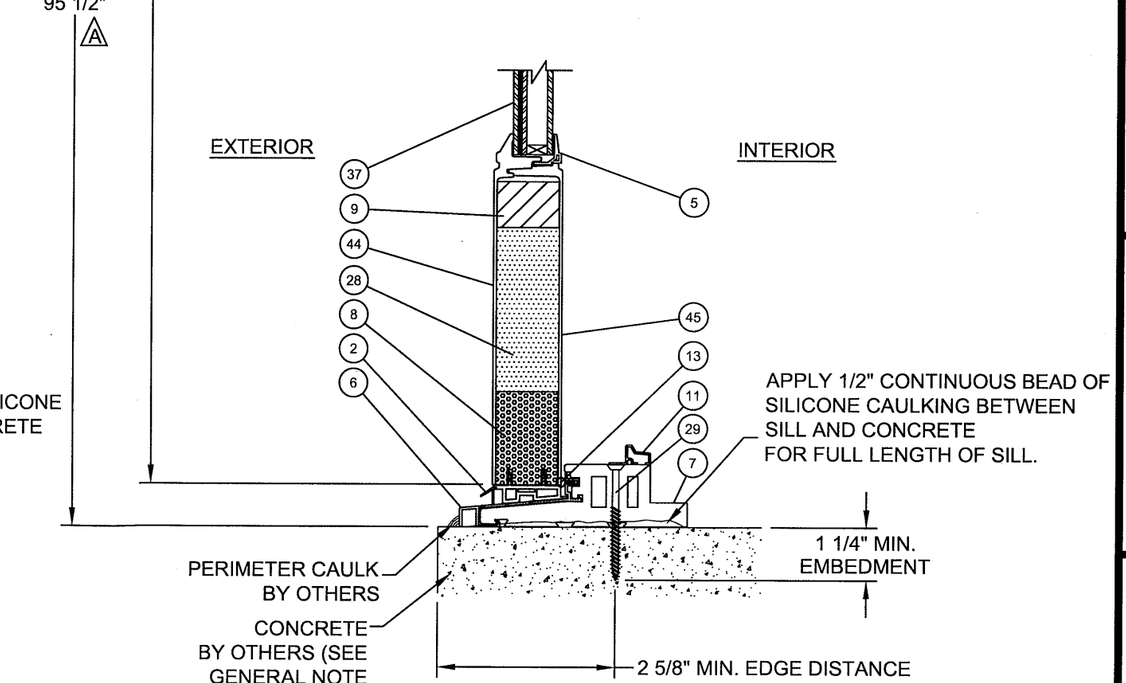
B **VERTICAL SECTION**
DOOR PANEL AT HEAD
CONCRETE / MASONRY SUBSTRATE



A **VERTICAL SECTION**
DOOR PANEL AT SILL
CONCRETE/ MASONRY SUBSTRATE



D **VERTICAL SECTION**
SIDELITE PANEL AT HEAD
CONCRETE/MASONRY SUBSTRATE



C **VERTICAL SECTION**
SIDELITE PANEL AT SILL
CONCRETE/ MASONRY SUBSTRATE

REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC

PROJECT #411-1002

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES
VERTICAL SECTIONS

DRAWN BY: SMC | DATE: 10/06/08
SCALE: N.T.S. | DRAWING NO: NAN0017
REV: B | SHEET: 4 OF 9

PREPARED BY:
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Robert J. Amoruso, P.E.
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4/27/12

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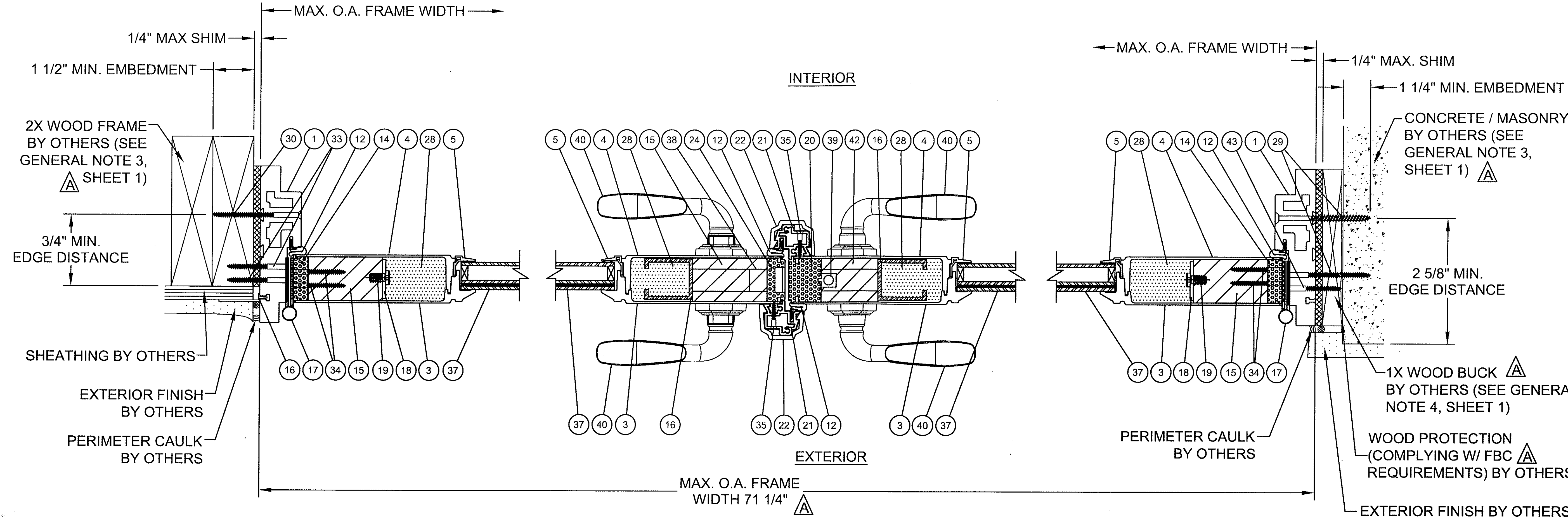
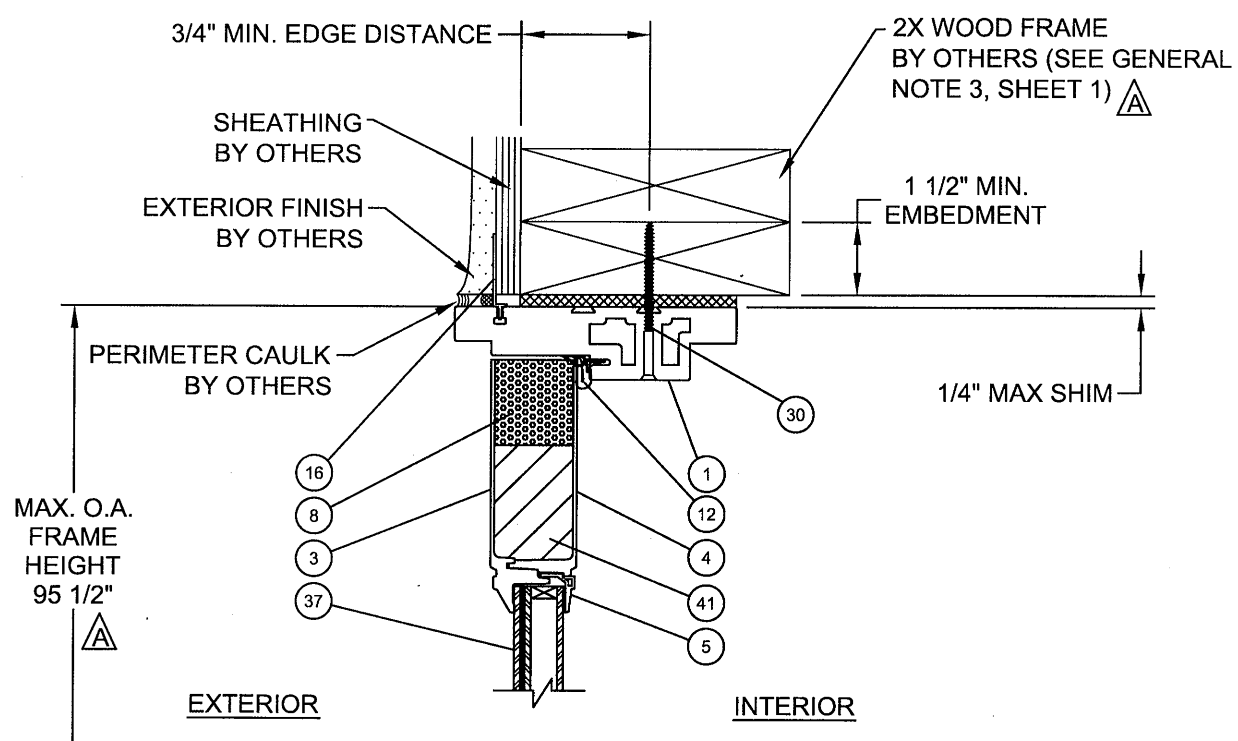


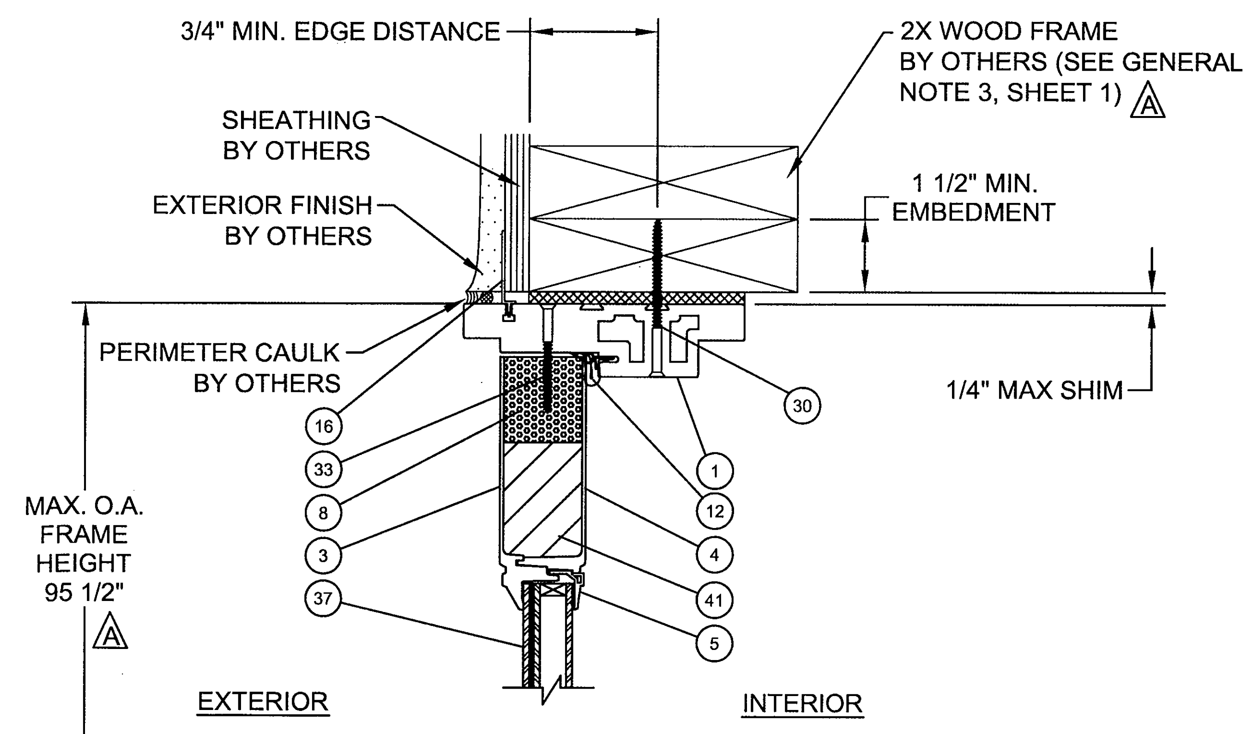
E **HORIZONTAL SECTION**
DOOR PANEL AT HINGE STILE
WOOD FRAME SUBSTRATE

F **HORIZONTAL SECTION**
ASTRAGAL

G **HORIZONTAL SECTION**
DOOR PANEL AT HINGE STILE
CONCRETE / MASONRY SUBSTRATE



H **HORIZONTAL SECTION**
DOOR PANEL AT HEAD
WOOD FRAME SUBSTRATE



I **HORIZONTAL SECTION**
SIDELITE PANEL AT HEAD
WOOD FRAME SUBSTRATE

PROJECT #411-1002

REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES VERTICAL & HORIZONTAL SECTIONS

DRAWN BY: SMC | DATE: 10/06/08
SCALE: N.T.S. | DRAWING NO: NAN0017
REV: B | SHEET: 5 OF 9

PREPARED BY:
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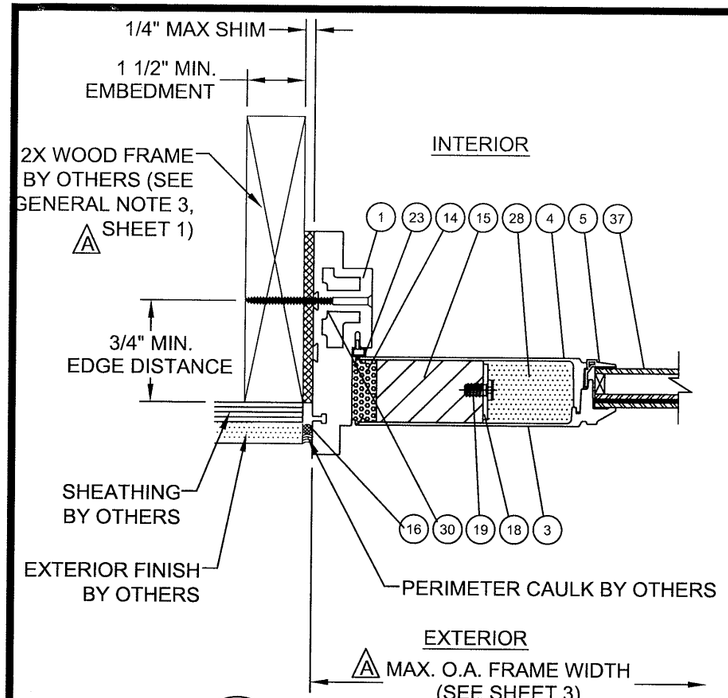
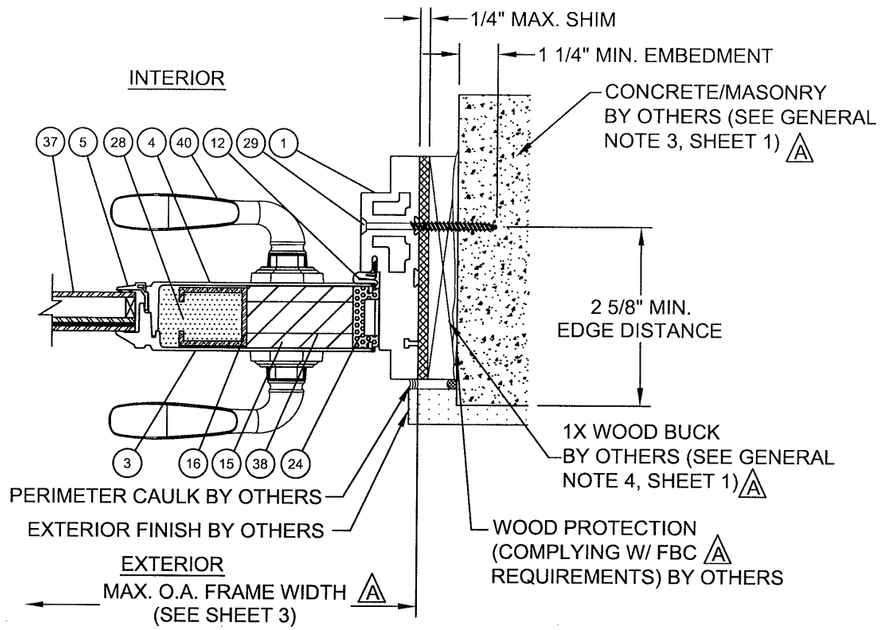
Robert J. Amoruso, P.E.
FL P.E. No. 49752

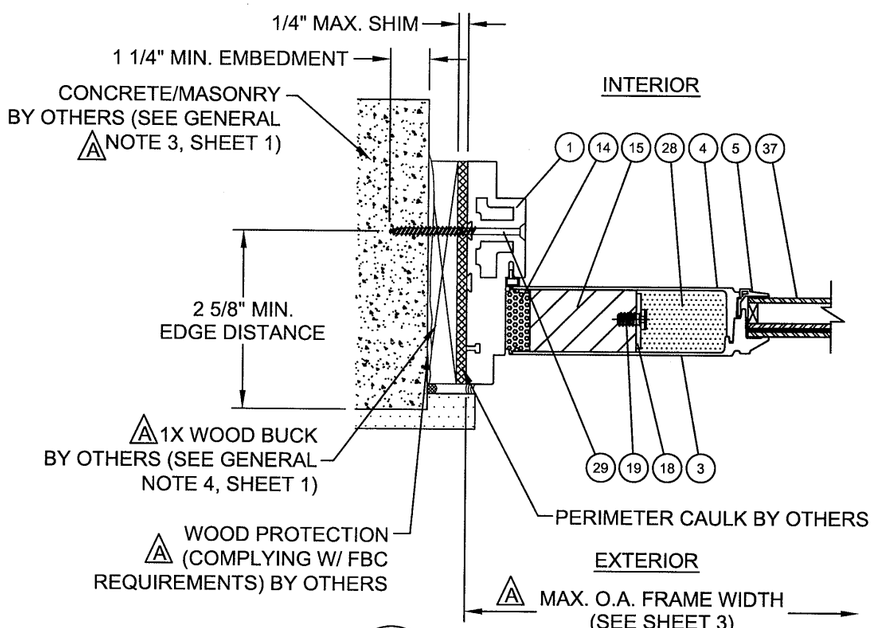
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 12-0612.06
Expiration Date 04/29/2014
By
Miami Dade Product Control



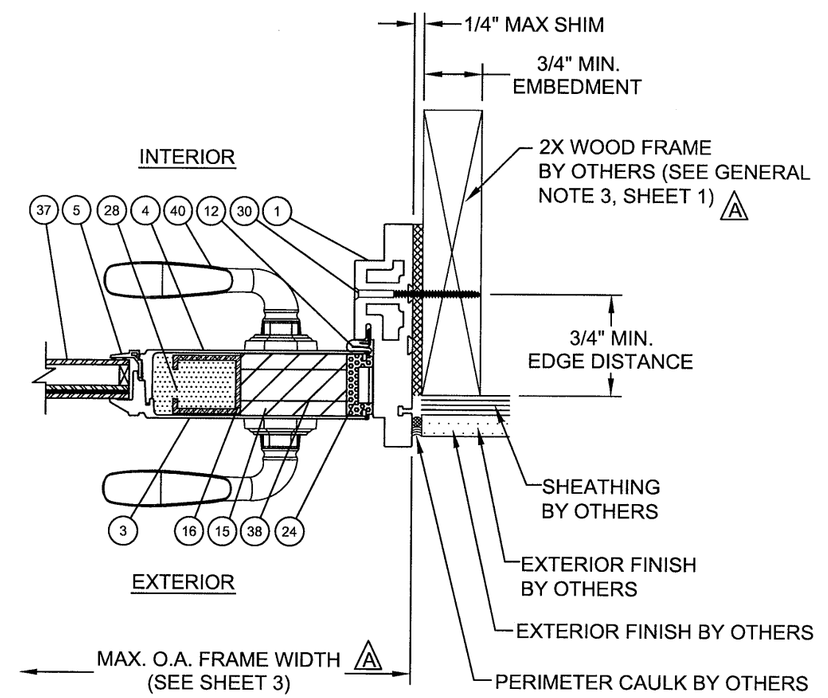
J **HORIZONTAL SECTION**
SIDELITE PANEL AT JAMB
WOOD FRAME SUBSTRATE



K **HORIZONTAL SECTION**
DOOR PANEL AT LOCK STILE
CONCRETE / MASONRY SUBSTRATE



N **HORIZONTAL SECTION**
SIDELITE PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE



O **HORIZONTAL SECTION**
DOOR PANEL AT LOCK STILE
WOOD SUBSTRATE

REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC

PROJECT #411-1002

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES
HORIZONTAL SECTIONS

DRAWN BY: SMC | DATE: 10/06/08
SCALE: N.T.S. | DRAWING NO: NAN0017
REV: B | SHEET: 6 OF 9

PREPARED BY:
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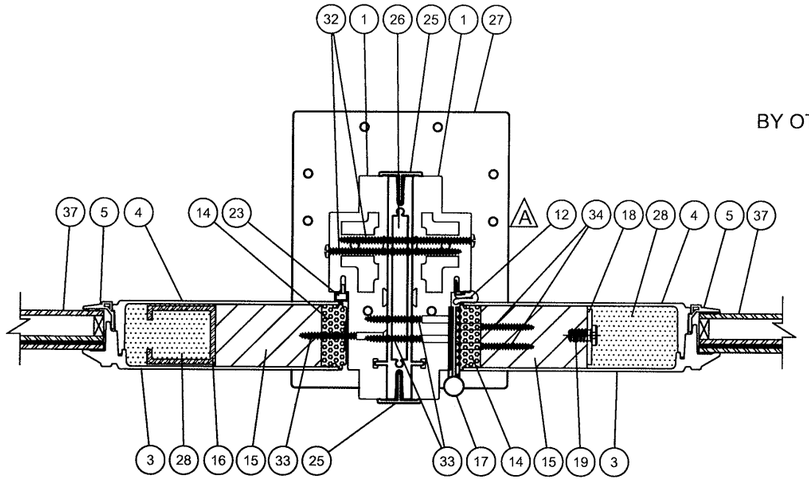
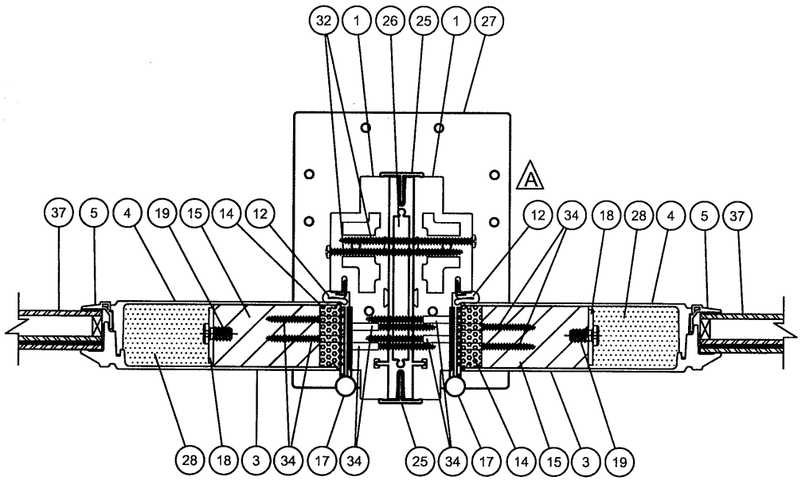
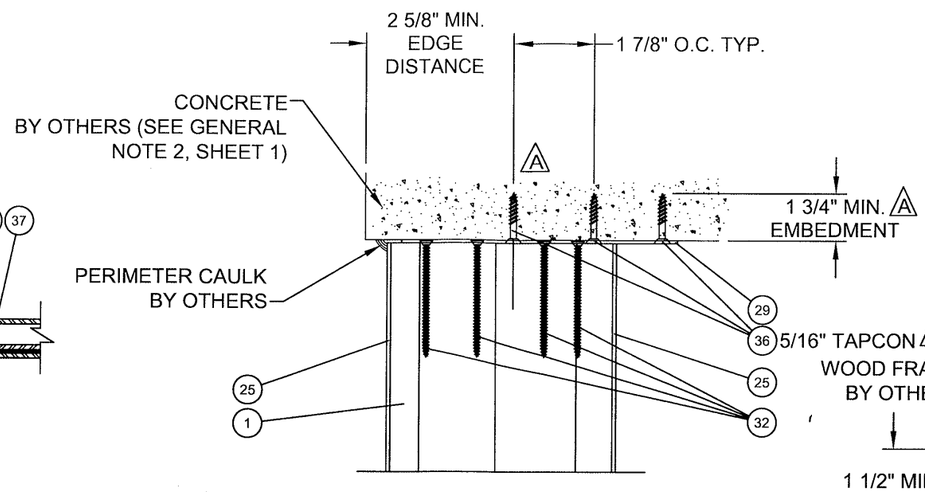
as complying with the Florida
Building Code 12-06/12/04
Acceptance No.
Expiration Date 04/24/2012
By
Miami Dade Product Control



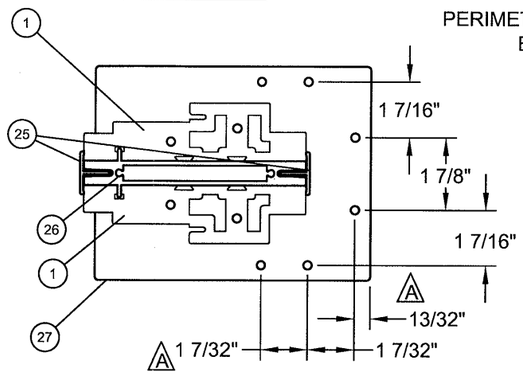
L HORIZONTAL SECTION
MULLION



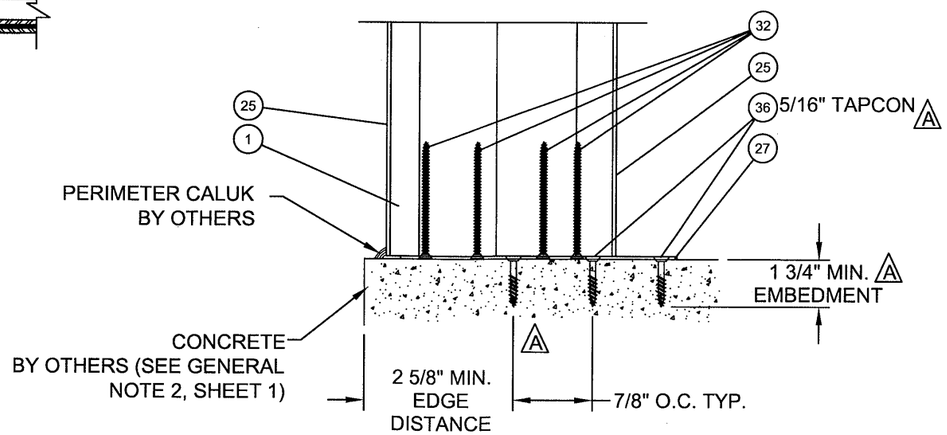
M HORIZONTAL SECTION
MULLION

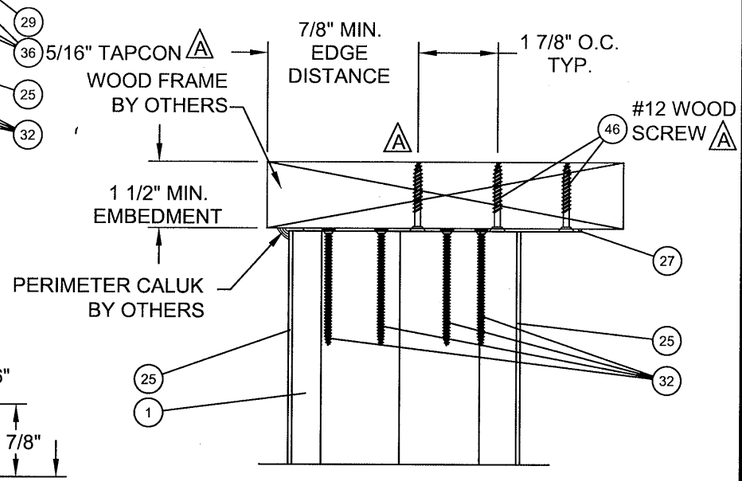


DETAIL 2



DETAIL 1





DETAIL 3

REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC

PROJECT #411-1002

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES
HORIZONTAL SECTIONS & MULLION DETAILS

DRAWN BY: SMC | DATE: 10/06/08
SCALE: N.T.S. | DRAWING NO: NAN0017
REV: B | SHEET: 7 OF 9

PREPARED BY:
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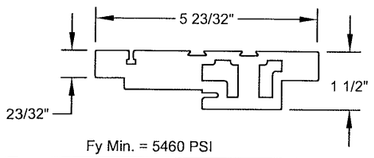
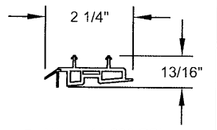
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0612.06
Expiration Date 05/12/2014
By
Miami Dade Product Control

1 HEAD FRAME & JAMB
FOAM PVC CO-EX (A)



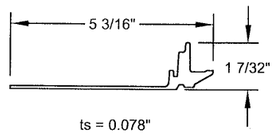
Fy Min. = 5460 PSI

2 DOOR BOTTOM - B
PVC CO-EX (A)



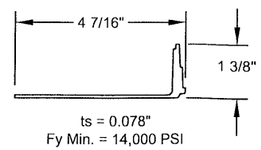
Fy Min. = 11,200 PSI

3 EXTERIOR SMC 18P SKIN (A)
FIBERGLASS



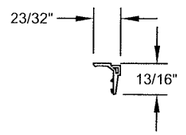
ts = 0.078"
Fy Min. = 14,000 PSI

4 INTERIOR SMC 18P SKIN (A)
FIBERGLASS

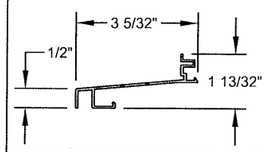


ts = 0.078"
Fy Min. = 14,000 PSI

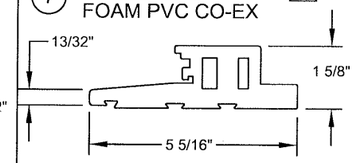
5 GLAZING BEAD
PVC



6 O/S SILL - B
ALUMINUM

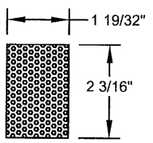


7 O/S SILL - A (A)
FOAM PVC CO-EX



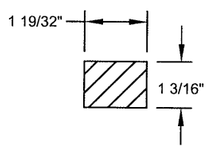
Fy Min. = 5460 PSI

8 TOP & BOTTOM RAIL (A)
FOAM PVC



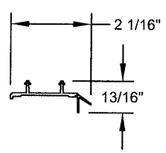
Fy Min. = 6000 PSI

9 BOTTOM RAIL REINFORCEMENT
WHITE PINE WOOD

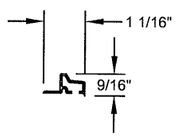


L = 34.5" (A)

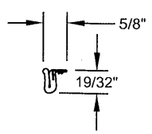
10 DOOR BOTTOM
PVC CO-EX



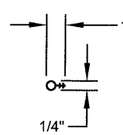
11 THRESHOLD GATE
ALUMINUM



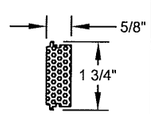
12 Q-LON WEATHERSTRIP
FOAM PU, PE FILM



13 WEATHERSTRIP
PP & TPE

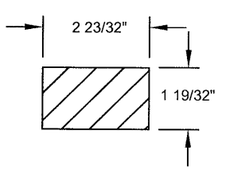


14 5/8" STILE
FOAM PVC (A)



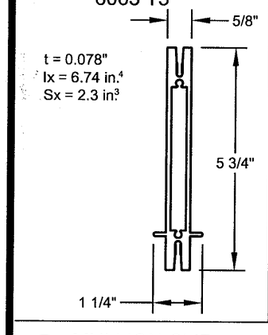
Fy Min. = 6000 PSI

15 STILE REINFORCEMENT
WHITE PINE WOOD



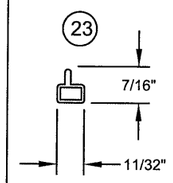
L = 88.5" (A)

26 MULLION
ALUMINUM 6063 T5 (A)

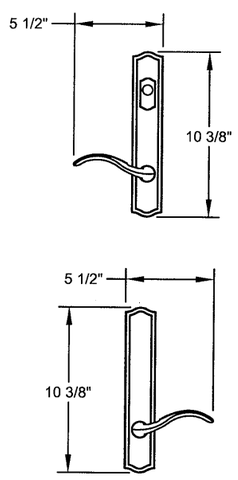


GAP PLANK
RIGID PVC

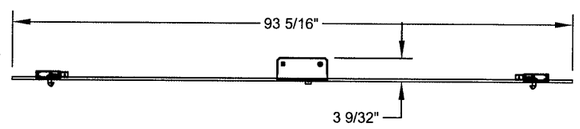
23



38 HANDLE SETS

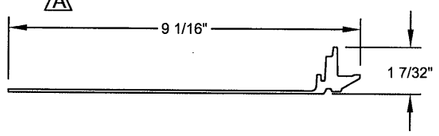


38 MULTI-POINT LOCK SYSTEM



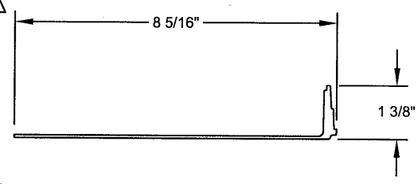
44 EXTERIOR SMC 18P SKIN - BOTTOM RAIL (A)
FIBERGLASS

t = 0.078"
Fy = 11,000 PSI

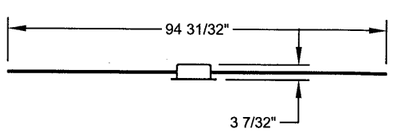


45 INTERIOR SMC 18P SKIN - BOTTOM RAIL (A)
FIBERGLASS

t = 0.078"
Fy = 11,000 PSI

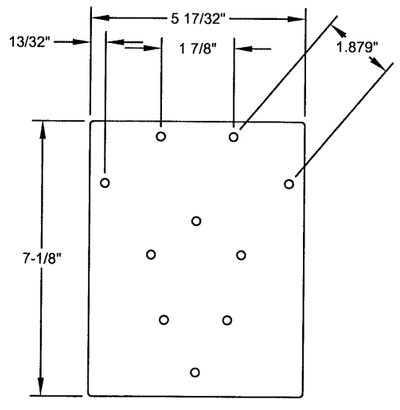


39 TOP/BOTTOM DRIVER BAR SYSTEM
STAINLESS STEEL

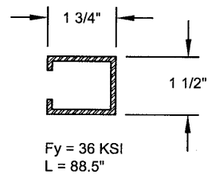


27 MULLION CLIP (A)
STEEL

t = 0.078"
Fy = 36 KSI

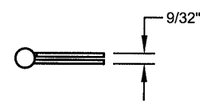


16 STILE STEE REINFORCEMENT (A)
ROLL FORM STEEL
0.125" TYP.
WALL THICKNESS

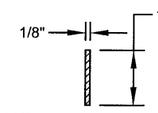


Fy = 36 KSI
L = 88.5"

(A) 17 4 X 4 DOOR HINGE
STEEL

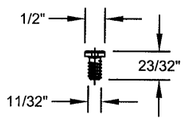


(A) 18 REINFORCEMENT
STEEL

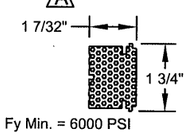


Fy = 36 KSI
L = 88.5"

19 NYLON SCREW
NYLON 66

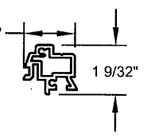


20 1 7/32" STILE (A)
FOAM PVC

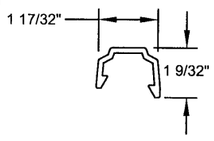


Fy Min. = 6000 PSI

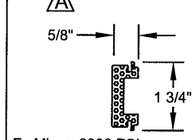
21 ASTRAGAL REINFORCEMENT
ALUMINUM



22 ASTRAGAL
RIGID PVC

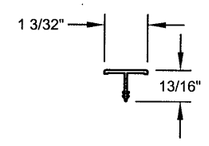


24 5/8" LOCK STILE (A)
FOAM PVC

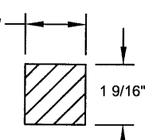


Fy Min. = 6000 PSI

25 MULLION COVER
PVC

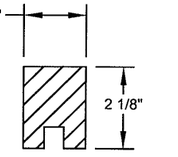


41 1 9/16" REINFORCEMENT
WHITE PINE WOOD (A)



L = 34.5"

42 2 1/8" REINFORCEMENT
WHITE PINE WOOD (A)



L = 88.5"

REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC

PROJECT #411-1002

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES COMPONENTS

DRAWN BY: SMC | DATE: 10/06/08 | SCALE: N.T.S. | DRAWING NO: NAN0017 | REV: B | SHEET: 8 OF 9

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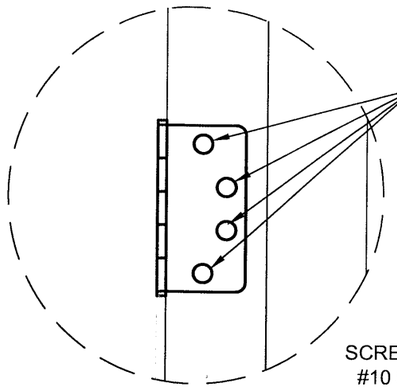
FL P.E. No. 49752

PRODUCT REVISED
as complying with the Florida
Building Code 12-06
Acceptance No 12-0612.06
Expiration Date 4/12/2014
Miami Dade Product Control

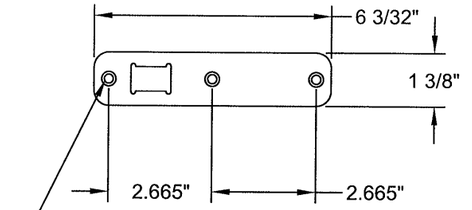
BILL OF MATERIALS

ITEM NO.	DISCRIPTION	MATERIAL	VENDOR ⚠A
1	HEAD FRAME & JAMB	FOAM PVC	NAN YA PLASTICS
2	DOOR BOTTOM - B	PVC CO-EX	NAN YA PLASTICS
3	SMC 18P FIBERGLASS SKIN (Fy = 14,000)(EXTERIOR) ⚠A	FIBERGLASS ⚠A	NAN YA PLASTICS
4	SMC 18P FIBERGLASS SKIN (Fy = 14,000)(INTERIOR) ⚠A	FIBERGLASS ⚠A	NAN YA PLASTICS
5	GLAZING BEAD	RIGID PVC	NAN YA PLASTICS
6	OUTSWING SILL-B (EXTERIOR)	ALUMINUM	NAN YA PLASTICS
7	OUTSWING SILL-A (INTERIOR)	FOAM PVC CO-EX	NAN YA PLASTICS
8	TOP/BOTTOM RAIL	PVC FOAM	NAN YA PLASTICS
9	BOTTOM RAIL WOOD REINFORCEMENT	WHITE PINE WOOD	NAN YA PLASTICS
10	DOOR BOTTOM	PVC CO-EX	NAN YA PLASTICS
11	THRESHOLD GATE	ALUMINUM	NAN YA PLASTICS
12	Q-LON WEATHER STRIP	FOAM PU, PE FILM	Q-LON
13	WEATHERSTRIP	PP & TPE	-----
14	5/8" STILE	FOAM PVC	NAN YA PLASTICS
15	STILE REINFORCEMENT	WHITE PINE WOOD	-----
16	STILE REINFORCEMENT	ROLL FORMED STEEL	-----
17	DOOR HINGE	STEEL	-----
18	REINFORCEMENT	STEEL	-----
19	NYLON SCREW	NYLON 66	-----
20	1 7/32" STILE	FOAM PVC	NAN YA PLASTICS
21	ASTRAGAL REINFORCEMENT	ALUMINUM (6063-T5) ⚠A	-----
22	ASTRAGAL	RIGID PVC	NAN YA PLASTICS
23	GAP PLANK	PVC	NAN YA PLASTICS
24	5/8" LOCK STILE	FOAM PVC	NAN YA PLASTICS
25	MULLION COVER	RIGID PVC	NAN YA PLASTICS
26	MULLION	ALUMINUM (6063-T5)	-----
27	MULLION CLIP	STEEL (ASTM E 653)	-----
28	PHENOLIC FOAM	N.A.	NAN YA PLASTICS
29	3/16" TAPCON - INSTALLATION ANCHOR	STEEL	ITW
30	#10 WOOD SCREW - INSTALLATION ANCHOR	STEEL	-----
31	#10 X 4" PHILLIPS SQUARE DRIVE SCREWS	STEEL	-----
32	#10 X 3" PHILLIPS SQUARE DRIVE SCREWS	STEEL	-----
33	#10 X 2 1/2" PHILLIPS SQUARE DRIVE SCREWS	STEEL	-----
34	#9 X 2" PFH SCREWS	STEEL	-----
35	#8 X 1 1/2" PFH SCREWS	STEEL	-----
36	5/16" TAPCON - INSTALLATION ANCHOR ⚠A	STEEL	ITW
37	1" O.A. LAMINATED INSULATED GLASS CONSISTING OF: EXTERIOR GLASS CONSISTING OF 1/8" ANNEALED GLASS; 0.090" SOLUTIA PVB LAMINATE, 1/8" ANNEALED GLASS; 1/2" S/S SPACER W/ ARGON FILLED SPACE, 1/8" TEMPERED INTERIOR GLASS	GLASS	-----
38	ROYAL SERIES MULTI POINT LOCKING SYSTEM	STAINLESS STEEL	-----
39	ROYAL SERIES TOP BOTTOM DRIVE BAR SYSTEM	STAINLESS STEEL	-----
40	HANDLE SET	STEEL	-----
41	1 9/16" REINFORCEMENT WOOD - D (L = 34.5") ⚠A	WHITE PINE WOOD	-----
42	2 1/8" REINFORCEMENT WOOD - B (L = 88.5") ⚠A	WHITE PINE WOOD	-----
43	#10 X 2" PHILLIPS SQUARE DRIVE SCREWS	STEEL	-----
44	SMC 18P FIBERGLASS SKIN - BOTTOM RAIL (EXT)(11,000 PSI) ⚠A	FIBERGLASS ⚠A	NAN YA PLASTICS
45	SMC 18P FIBERGLASS SKIN - BOTTOM RAIL (INT)(11,000 PSI) ⚠A	FIBERGLASS ⚠A	NAN YA PLASTICS
46	#12 WOOD SCREWS	STEEL	-----
47	DOW CORNING 995 SILICON BACKBEDDING	SILICONE	DOW CORNING
48	DRIVE BAR PLATE	STAINLESS STEEL	-----
49	HOOK KEEPER	STAINLESS STEEL	-----

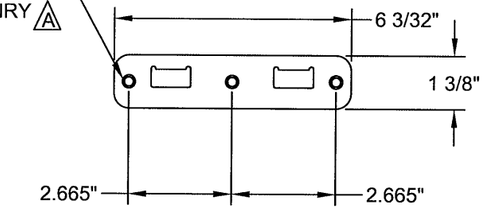


DETAIL 6
HINGE

SCREW MIN. EMBEDMENT (TYP):
#10 SCREW - 1 1/2" INTO WOOD
3/16" TAPCON - 1 1/4" INTO
CONCRETE / MASONRY ⚠A

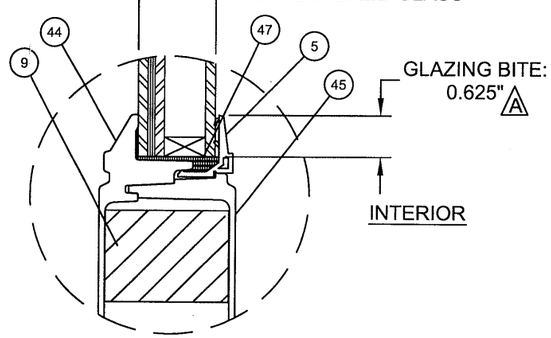


DETAIL 4
TOP KEEPER

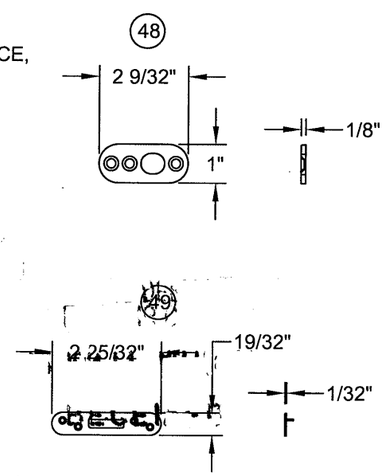


DETAIL 5
BOTTOM KEEPER

EXTERIOR



GLAZING DETAIL



REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS 01/10/09	02/05/09	SMC

PROJECT #411-1002

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TEXAS 77029

TITLE: IMPACT DOUBLE O/S GLAZED DOORS W/ & W/O SIDELITES
BILL OF MATERIALS, GLAZING, KEEPER & HINGE DETAILS

DRAWN BY: SMC | DATE: 10/06/08 | DRAWING NO: NAN0017 | SHEET: 9 OF 9
SCALE: N.T.S. | REV: B

PREPARED BY:
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PRODUCT REVISED
Complies complying with the Florida
Building Code 12-0612.06
Acceptance No
Expiration Date 04/29/2014
By
Miami Dade Product Control